

08/981233

Abstract

5

**Process and Device
for Continuously Drying Protein-containing Sludge**

10 A process and a device for continuously drying
protein-containing sludge, in particular sewage sludge,
in a fluidised bed (20) inside a drying container (13).
A drying gas flows through the fluidised bed (20) while
partially de-watered sludge (6) in granulate form (21)
15 is added to the fluidised bed (20) while dried sludge
(10) is withdrawn therefrom. The granules (21) are
formed without admixture of dried substances and are
granulated preferably at the same time as they are
pressed. Sewage sludge may thus be dried without
20 admixture or recycling of dried substances, so that a
highly efficient plant is obtained. In addition, a
granulated dry material is produced which may be used
in various ways.